

Work Order ID 117914

May-05-14 2:25:42 PM

117914

Page 1

Item ID: D4728-051 Accept ***N900040100*** Setup Start ***NS1***
 Revision ID: Stop ***NS2***
 Item Name: Cabin Lights #1
 Start Date: 5/05/14 Start Qty: 1.00 ***1*** Cust Item ID:
 Required Date: 7/02/14 Req'd Qty: 1.00 ***1*** Customer:
 Reference:

Approvals: Process Plan: MLJ Date: 14-05-05 Tooling: _____ Date: _____ Run Start ***NR1***
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4728	D								

110 0.00

110

Outsource8

Outsource process- Eagle

Memo

Issue P/O to Eagle: 24007
 Manufacture as per dwg

Ship to Eagle: qty of (1) D4638-1

Certificate of conformity required

CMJ 5/6/14

120

Receive & Inspect for Damage & Mat'l Certs 0.00

120

Packaging

Packaging

Memo

Inspect and check certificate of conformity

P-17/1/8 (C)

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube <input type="checkbox"/></td> <td style="width:15%;">Crosstube <input type="checkbox"/></td> <td style="width:15%;">Water Jet <input type="checkbox"/></td> <td style="width:15%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design <input type="checkbox"/>									
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Handling/Pre <input type="checkbox"/>									
Material <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Offset/Setup <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Transport <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--	--	---	--

Work Order ID 117914

117914

Page 2

May-05-14 2:25:42 PM

Item ID: D4728-051 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Cabin Lights #1
 Start Date: 5/05/14 Start Qty: 1.00 *1* Cust Item ID:
 Required Date: 7/02/14 Req'd Qty: 1.00 *1* Customer:
 Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start *NR1*
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	QC4- 100% Inspect kits for completeness	0.00							
130									
QC	Memo	0.00							
Quality Control									
140	Identify as per dwg & Stock Location: MF5	0.00							
140									
Packaging	Memo	0.00							
Packaging									
150	QC21- Final Inspection - Work Order Release	0.00							
150									
QC	Memo	0.00							
Quality Control									

DAS
26
9-89

mf
14-7-9

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--	--	---	--

Picklist Print

May-05-14 2:25:45 PM

Page 1

Work Order ID: 117914

117914

Parent Item: D4728-051

D4728-051

Parent Item Name: Cabin Lights #1

Start Date: 5/05/14

Required Date: 7/02/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 12.11.09 NEW ISSUE DD VERF:JLM
B 13/07/24 DWG. UPDATE DL VERIFIED BY:JLM

IPP REV.

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4638-1

Manufactured

No

Each

38.0000

1

D4638-1

CD 14/05/20

Led Light

Location

Loc Qty

Loc Code

ST124

38

112121

38

D4728-051P

Purchased

No

Each

0.0000

1

D4728-051P

Cabin Lights #1

P 14/12/18 @

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

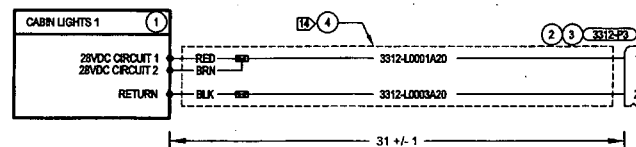
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--	--	---	--

LIST OF MATERIALS					
QTY PER	ITEM	PART NUMBER	DESCRIPTION	SUPPLIER	
	1	D4638-1	CABIN LIGHTS	DART	
	1	2	1-480305-0	CONNECTOR	
	A/R (3)	3	60618-1	CONTACTS	
	A/R (31)	4	XPF-1/4	EXPANDABLE SLEEVING	
				EDMO	



D4728-051 CABIN LIGHT #1 ASSY.

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

DESIGN	DA	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DA		
CHECKED	DE	DRAWING NO.	REV. D
MFG. APPR.	LI	D4728	SHEET 9 OF 15
APPROVED	DE	TITLE	SCALE
DE APPR.	DE	UTILITY INTERIOR WIRING HARNESS NTS	
DATE	14.01.09	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="width:15%;">Skid-tube <input type="checkbox"/></td> <td style="width:15%;">Crosstube <input type="checkbox"/></td> <td style="width:15%;">Water Jet <input type="checkbox"/></td> <td style="width:15%;">Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design <input type="checkbox"/>									
Doc/Data <input type="checkbox"/>									
Equip/Tooling <input type="checkbox"/>									
Handling/Pre <input type="checkbox"/>									
Material <input type="checkbox"/>									
Operator <input type="checkbox"/>									
Offset/Setup <input type="checkbox"/>									
Process <input type="checkbox"/>									
Supplier <input type="checkbox"/>									
Training <input type="checkbox"/>									
Transport <input type="checkbox"/>									
Unapproved <input type="checkbox"/>									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--	--	---	--



July 7, 2014

To: Mike Gregoire
Dart Aero
1270 Aberdeen St.
Hawkesbury ON K6A 1K7 CANADA

From: Cándido Rodríguez Pérez
Quality Manager

Subject: P/N – D4728-051 (CC3986-V09) P.O. # PO24007 REPORT: FAI - 116

As part of our Quality System Process under Customer requirement for the AS9102 FAI report, enclosed will find the forms 1, 2, and 3 for the AS9102 FAI. Enclosed is an official copy of the FAI-116 for your review and Approval. After your evaluation please return form # 1 filled in section 21 to 24 as evidence of approval. Originals are kept on the Quality Assurance office file for future customer review.

The form # 2 Product Accountability; includes the materials used for the assembly shipped to your attention. Original copies of the material certificates are kept at Positronic Industries Caribe files and a copy have been included with this package.

If there a requirement to provide on the future of any additional information regards the FAI- 116 contact me at the below address.

Sincerely,

Cándido Rodríguez Pérez
Quality Manager
Positronic Industries Caribe, Inc.
El Tuque industrial Park
101 Road # 591
Ponce, Puerto Rico 00728-2807
e-mail: CRodriguezPerez@connectpositronic.com
phone: 787-841-0920

AS9102 - First Article Inspection

Form 1: Part Number Accountability

[illegible]

44F 042 Revisión Original



Positronic[®]
global connector solutions

www.connectpositronic.com

Positronic Industries Caribe, Inc.
101 ROAD #591
EL TUQUE INDUSTRIAL PARK
PONCE, Puerto Rico 00728-0920
PUERTO RICO

Phone: 787-841-0920

Fax: 787-841-5345

An ISO 9001
SAE AS9100
Certified
Company

Sales Order: 20847

Cust id: 22558

Sales Order Acknowledgement

Page: 1 of 4

Sold To:

MIKE GREGOIRE
DART AERO
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Ship To:

MIKE GREGOIRE
DART AERO
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Contact Phone: 613-632-3336

bbellanti@connectpositronic.com

Order Date: 05/23/2014

PO Number: PO24007

FOB: FOB SHIPPIN

Ship By: 06/27/2014

Sales Person: Brandon Bellanti

Terms: Net 30 Days

Ship Via: FedEx Intl Economy

SHIPPING TO CANADA-CANADA CUSTOMS/NAFTA DOCUMENTS REQUIRED

This order acknowledgement contains cable assemblies for which Dart Aerospace has requested to receive a prototype shipment of 1 piece along with an AS9102 First Article Inspection Report prior to the commencement of the production quantity build. As a result, Positronic has scheduled the shipment of one prototype piece (FA unit) and the inspection report (FAIR) at the lead time quoted for your cable assembly.

After Dart Aerospace acknowledges the FA unit meets the criteria to which it was built, by signing the acceptance paperwork which will accompany the shipment, the production quantity will be built to ship at a reduced lead time.

For PO24007 FA units are scheduled to ship in 8 weeks, and after receipt of a customer signed FAIR a 6 week production lead time for cables on PO24054 will begin.

The production lead time does not begin until the First Article Inspection Report is returned signed by the customer. The date of 07/31/2020 is used on your order acknowledgement to indicate production lines for which lead time has not yet begun, pending FA Unit/ FAIR shipment and approval.

US DOLLARS

Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
1	D4728-041 D4728-041 Our Part: CC3986-V01 Rev: 1	1.0000 EA	45.18000/1	45.18
	Rel Date Quantity 1 7/2/2014 1.0000			
Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
2	D4728-042 D4728-042 Our Part: CC3986-V02 Rev: 1	1.0000 EA	38.75000/1	38.75
	Rel Date Quantity 1 7/2/2014 1.0000			



www.connectpositronic.com

Positronic Industries Caribe, Inc.
101 ROAD #591
EL TUQUE INDUSTRIAL PARK
PONCE, Puerto Rico 00728-0920
PUERTO RICO
Phone: 787-841-0920
Fax: 787-841-5345

An ISO 9001
SAE AS9100
Certified
Company

Sales Order: 20847

Sales Order Acknowledgement

Page: 2 of 4

Cust id: 22558

Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
3	D4728-043	D 1.0000 EA	38.75000/1	38.75

D4728-043

Our Part: CC3986-V03

Rev: 1

Rel	Date	Quantity
1	7/2/2014	1.0000

Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
4	D4728-044	D 1.0000 EA	38.75000/1	38.75

D4728-044

Our Part: CC3986-V04

Rev: 1

Rel	Date	Quantity
1	7/2/2014	1.0000

Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
5	D4728-045	D 1.0000 EA	45.18000/1	45.18

D4728-045

Our Part: CC3986-V05

Rev: 1

Rel	Date	Quantity
1	7/2/2014	1.0000

Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
6	D4728-046	D 1.0000 EA	38.75000/1	38.75

D4728-046

Our Part: CC3986-V06

Rev: 1

Rel	Date	Quantity
1	7/2/2014	1.0000

Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
7	D4728-047	D 1.0000 EA	15.03000/1	15.03

D4728-047

Our Part: CC3986-V07

Rev: 1

Rel	Date	Quantity
1	7/2/2014	1.0000

Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
8	D4728-049	D 1.0000 EA	16.02000/1	16.02

D4728-049

Our Part: CC3986-V08

Rev: 1

Rel	Date	Quantity
1	7/2/2014	1.0000



Positronic
global connector solutions

www.connectpositronic.com

Positronic Industries Caribe, Inc.
101 ROAD #591
EL TUQUE INDUSTRIAL PARK
PONCE, Puerto Rico 00728-0920
PUERTO RICO
Phone: 787-841-0920
Fax: 787-841-5345

An ISO 9001
SAE AS9100
Certified
Company

Sales Order: 20847

Sales Order Acknowledgement

Page: 3 of 4

Cust id: 22558

Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
9	D4728-051 D4728-051 Our Part: CC3986-V09 Rev: 1 Rel Date Quantity 1 7/2/2014 1.0000	D 1.0000 EA	15.99000/1	15.99
Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
10	D4728-053 D4728-053 Our Part: CC3986-V10 Rev: 1 Rel Date Quantity 1 7/2/2014 1.0000	D 1.0000 EA	15.99000/1	15.99
Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
11	D4728-055 D4728-055 Our Part: CC3986-V11 Rev: 1 Rel Date Quantity 1 7/2/2014 1.0000	D 1.0000 EA	16.05000/1	16.05
Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
12	D4728-057 D4728-057 Our Part: CC3986-V12 Rev: 1 Rel Date Quantity 1 7/2/2014 1.0000	D 1.0000 EA	8.84000/1	8.84
Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
13	D4728-059 D4728-059 Our Part: CC3986-V13 Rev: 1 Rel Date Quantity 1 7/2/2014 1.0000	D 1.0000 EA	21.68000/1	21.68
Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
14	D4728-061 D4728-061 Our Part: CC3986-V14 Rev: 1 Rel Date Quantity 1 7/2/2014 1.0000	D 1.0000 EA	316.86000/1	316.86



www.connectpositronic.com

Positronic Industries Caribe, Inc.
101 ROAD #591
EL TUQUE INDUSTRIAL PARK
PONCE, Puerto Rico 00728-0920
PUERTO RICO
Phone: 787-841-0920
Fax: 787-841-5345

An ISO 9001
SAE AS9100
Certified
Company

Sales Order: 20847

Cust id: 22558

Sales Order Acknowledgement

Page: 4 of 4

Line	Part Number/Description Rev	Order Qty	Unit Price	Ext. Price
15	D4728-063 D4728-063 Our Part: CC3986-V15 Rev: 1	D 1.0000 EA	5.78000/1	5.78
	Rel 1 Date 7/2/2014 Quantity 1.0000			

Order Miscellaneous Charges:

Quantity	Unit Price	Freq	Description	Ext. Price
1)	1	724.54(F)	TOOLING CHARGES	724.54
2)	1	500.00(F)	QUALITY TESTING	500.00
				1,224.54

Line Total: 677.60
Line Miscellaneous Charges: 0.00
Tax Amount: 0.00
Order Miscellaneous Charges: 1,224.54

Order Total 1,902.14 USD

To view our Terms and Conditions, please visit http://www.connectpositronic.com/pdf_view/272


POSITRONIC INDUSTRIES CARIBE, INC.

AS9102 - First Article Inspection

Sheet 1 of 1

Form 2: Product Accountability – Raw Material, Specifications and Special Processes,

Functional Testing

1. Part Number D4728-051 (CC3986-V09)	2. Part Name CABIN LIGHT #1 ASSY	3. Serial Number N/A		4. FAI Report Number FAI - 116
5. Material or Process Name	6. Specification Number	7. Code	8. Special Process Supplier Code	9. Customer Approval Verification (Yes/No/NA)
1) DART AERO # D4638-1, CABIN LIGHT	5054-350-0	N/A	SUPPLIER # 768	LOT # 02521241425
2) TE # 1-480305-0, CONNECTOR	5054-346-1-0	N/A	SUPPLIER # 601	LOT # 02520701425
3) TE # 60618-1, CONTACTS	5054-347-1-0	N/A	SUPPLIER # 696	LOT # 02520671425
4) EDMO # XPF-1/4, EXPANDABLE SLEEVING	5054-348-0-0	N/A	SUPPLIER # 658	LOT # 02521281425
5) M23053/5-105-9, 3/16" WHT/TYCO	A5052-9-3-0	N/A	SUPPLIER # 658	LOT # 02464041415
6) M22759/41-20-0, HOOK UP WIRE, 20 AWG, BLACK	5049-217-0-0	N/A	SUPPLIER # 658	LOT # 02509031423
7) M22759/41-20-0, HOOK UP WIRE, 20AWG, RED	5049-217-2-0	N/A	SUPPLIER # 658	LOT # 02523951425
8) SN63ULTRAPURE, 63/37, ULTRAPURE BAR SOLDER Alloy: Sn63 Pb37 Melting Range (°F / °C): 361°F / 183°C Tinning - J-STD-006 Sec 6.2.2	A859-90-4-0	N/A	SUPPLIER # 569	PO 907256
11. Functional Test Procedure Number	12. Acceptance report number, if applicable			
13. Comments				
SUPPLIER # 768 - DART AEROSPACE LTD – 1270 ABERDEEN STREET, HAWKESBURY ON K6A 1K7 SUPPLIER # 601 - TTI, INC. – 2601 SYLVANIA CROSS, FT WORTH TX 76137 SUPPLIER # 696 - HEILIND ELECTRONICS – 307 CRANES ROOST BLVD STE 1020, COLVER CITY CA 90230 SUPPLIER # 658 - WIRE MASTERS – 1788 NORTHPOINTE ROAD, COLUMBIA TN 38401 SUPPLIER # 569 - EIS, INC. - 2018 POWERS FERRY, RD. STE 500, ATLANTA GA 30339				
14. Prepared By 			15. Date 7-7-14	

44F 043 Revisión Original

Job Pick List

Page: 1 of 2
Date: 6/19/2014

JOB:
020847-9-1











ASM:
0

REVISION:
1

PART:

CC3986-V09
D4728-051

COMPONENT ...SUB-ASSEMBLIES/RAW MATERIALS:

				Qty Needed	From	Req Date	Qty. Issued	UOM	Whse	Bin	Lot
Mtl:	10	5054-350-0-0		1.0000 EA	PRCOMP	6/9/2014					
	①										
			DART AERO # D4638-1, CABIN LIGHT								
<u>On Hand:</u>		48.0000 EA	<u>Whse:</u> PRCOMP								
			<u>Bin:</u> ad07a								<u>Lot:</u> 02521241425
Mtl:	20	5054-346-1-0		1.0000 EA	PRCOMP	6/9/2014					
	②										
			TE # 1-480305-0, CONNECTOR								
<u>On Hand:</u>		98.0000 EA	<u>Whse:</u> PRCOMP								
		100.0000 EA	<u>Whse:</u> PRCOMP								
			<u>Bin:</u> ad07a								<u>Lot:</u> 02520701425
			INCOMING.								02523991425
Mtl:	30	5054-347-1-0		2.0000 EA	PRCOMP	6/9/2014					
	③										
			TE # 60618-1, CONTACTS								
<u>On Hand:</u>		390.0000 EA	<u>Whse:</u> PRCOMP								
			<u>Bin:</u> ad07a								<u>Lot:</u> 02520671425
Mtl:	40	5054-348-0-0		91.0000 CM	PRCOMP	6/9/2014					
	④										
			EDMO # XPF-1/4, EXPANDABLE SLEEVING								
<u>On Hand:</u>		20,879.0000 CM	<u>Whse:</u> PRCOMP								
			<u>Bin:</u> ad09a								<u>Lot:</u> 02521281425
Mtl:	50	A5052-9-3-0		15.0000 CM	PRCOMP	6/9/2014					
	⑤										
			M23053/5-105-9,3/16" WHT/TYCO								
<u>On Hand:</u>											

JRS

First Article
Done 6/20/14
Dart Aero

Job Pick List

23,228.0000 CM
7,620.0000 CM

Whse: PRCOMP
PRCOMP

Bin: AB13B
AB13B

Lot: 02464041415 IS
02495161420

Page: 2 of 2
Date: 6/19/2014

Job Pick List 0208479-1

Page: 2 of 2
Date: 6/19/2014

23,228.0000 CM
7,620.0000 CM

Whse: PRCOMP
PRCOMP

Bin: AB13B
AB13B

Lot: 02464041415
02495161420

ADD
⑥ 5049-217-0-0 91 02509031423-AD10B
⑦ 5049-217-2-0 91 02503951425-AD10B

7/2/14

A859-90-4-0

7/2/14



Commercial Invoice: PO909017

Ship From: Dart Aerospace Ltd.
1270 Aberdeen St.
Hawkesbury, ON
K6A 1K7
613 632-5200
Tax # 10127-2607

Ship To: Positronic Industries Caribe, Inc
101 Road #591
El Tuque Industrial Park
Ponce Puerto Rico 00728-0920
Puerto Rico

Date: 9-Jun-14 P.O. #: 909017

Ship Via: UPS FOB: Ex Work Dart Aerospace

Item	Part Number / Product Description	Tariff Class.	Quantity	Unit Price	Total
1	D4638-1 LED Light <i>5054-350-0-0</i> <i>02521241425</i>	8512.20.2080	48	\$ 765.13	\$ 36,726.24
2	D4645-1 no smoking & fasten seatbealt light	8512.20.2080	32	\$ 121.18	\$ 3,877.76
3	<i>5054-3490-0-0</i> <i>02521221425</i>			\$ -	\$ -
4				\$ -	\$ -
5				\$ -	\$ -
6				\$ -	\$ -
7				\$ -	\$ -

All Prices are in US Dollars
All of the above parts were made in Canada unless otherwise indicated
THIS IS A CUSTOMS INVOICE ONLY

Sub Total \$40,604.00

Total \$40,604.00

Amount Due: \$40,604.00

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Canada
Tel.: 1.613.632.5200
Fax: 1.613.632.1185
GST # RT101272607

BAC**BIRK AEROSYSTEMS CORPORATION**

14321 Commerce Drive

Garden Grove, California 92843

Telephone: (714) 554-9782 Telefax: (714) 554-3659

DATE: 05/22/14

CUSTOMER PO: PO23968

SHIPPER NO.: DAR140522

CERTIFICATE OF CONFORMITY / PACKING LIST

SHIP TO: **DART AEROSPACE LTD**
1270 ABERDEEN
HAWKESBURY ON K6A 1K7
Canada

PO ITEM	PRODUCT NO.	DESCRIPTION	QUANTITY		LOT CODE	LOT QTY	SERIAL NO.
			ORDERED	SHIPPED			
1	IS5083-3	NO SMOKING/FASTEN SEAT BELT (REV. C)	40	40	1405609 MFG: 1421	40	-
		VALUE FOR CUSTOMS: \$4847.20 USD Country of Manufacture: United States					

CLAIMS FOR SHORTAGES OR MATERIAL DISCREPANCY MUST BE MADE WITHIN 15 DAYS AFTER DATE SHIPPED.

CERTIFICATE OF CONFORMANCE: THIS IS TO CERTIFY THAT THE PARTS FURNISHED ON THIS ORDER HAVE BEEN FUNCTIONALLY TESTED IN ACCORDANCE WITH STANDARD PROCEDURES DEFINED BY BAC. MATERIAL AND/OR PARTS FURNISHED IN THIS ORDER HAVE BEEN MANUFACTURED IN ACCORDANCE WITH ALL APPLICABLE INSTRUCTIONS AND SPECIFICATIONS. PHYSICAL AND CHEMICAL DATA WHICH PERTAINS TO THIS ORDER ARE AVAILABLE FOR INSPECTION.

QTY VERF **FEDEX PRIORITY COLLECT**

#3


QUALITY CONTROL INSPECTOR

TI, INC.
01 SYLVANIA CROSS
WORTH TX 76137
UNITED STATES

PACKING LIST



ORDER PL#	SHIP DATE	PAGE
2380702-01	06/10/14	01 of 02
CUSTOMER P.O. NUMBER		
909054		

POSITRONIC INDUSTRIES CARIBE
EL TUQUE INDUSTRIAL PARK
101 ROAD #591
PONCE 00728-2804
PUERTO RICO

SALES REP	SHIP VIA	CATCHBOX	CUSTOMER ACCT #
FL0702	URED INT C (C)	N	PRM006
ORDER DATE	BUYER		QA INSPECTOR
06/10/14	CRISTINE COLON		JAREDE

THANK YOU FOR YOUR ORDER

N O	PART NUMBER EXPORT INFORMATION CUSTOMER REFERENCE/REVISION	PART DESCRIPTION / MFG QPL # MANUFACTURE DATA	DATE/LOT CODE	QUANTITY SHIPPED
	RAY D-181-1222-90/9 3917.39.0050 OTHER PLASTIC TUBES 5054-112-0-0	109858-000 *contains Pb/*RoHS NON-COMPLIANT *Per Producer documentation TOTAL VALUE 62.40	TOTAL	30
	TYC 1-480303-0 8538.90.6000 OTHER, MOLDED PARTS 5054-346-0-0	*Pb free/*RoHS COMPLIANT *Per Producer documentation TOTAL VALUE 15.26	TOTAL	70
	TYC 1-480305-0 8538.90.6000 OTHER, MOLDED PARTS 5054-346-1-0	*Pb free/*RoHS COMPLIANT *Per Producer documentation TOTAL VALUE 20.80	TOTAL	100
	TYC 350781-1 8538.90.6000 OTHER, MOLDED PARTS 5054-346-2-0	*Pb free/*RoHS COMPLIANT *Per Producer documentation TOTAL VALUE 13.90	TOTAL	50
	TYC 1-480426-0 8538.90.6000 OTHER, MOLDED PARTS 5054-346-3-0	*Pb free/*RoHS COMPLIANT *Per Producer documentation TOTAL VALUE 7.59	TOTAL	30
	TYC 1-480424-0 8538.90.6000 OTHER, MOLDED PARTS 5054-346-4-0	*Pb free/*RoHS COMPLIANT *Per Producer documentation TOTAL VALUE 6.39	TOTAL	30

INSTRUCTIONS:

SEE REVERSE SIDE FOR IMPORTANT INSTRUCTIONS



8

Global Headquarters
TTI Inc.
2441 Northeast Parkway
Fort Worth, Texas 76106
(817) 740-9000
(817) 740-9898 Fax
www.ttiinc.com

European Headquarters
TTI, Inc.
Ganghoferstr. 34
82216 Maisach - Gernlinden
Germany
+49 8142 6680-0
+49 8142 6680-490 Fax
www.ttheurope.com

Asia Headquarters
TTI Electronic Asia Pte. Ltd.
3 Changi North Street 2
Logistech Building #03-02
Singapore 498827
(65) 6788-9200
(65) 6788-9300 Fax
www.ttiasia.com

1-800-CALL-TTI

Alabama
Huntsville (256) 721-1597
Arizona
Tempe (480) 638-1590
Tucson (520) 624-6929
California
Los Angeles (818) 407-8000
Orange County (714) 505-4857
Sacramento (916) 987-4600
San Diego (619) 748-2025
San Fernando Valley (818) 407-8000
San Francisco (415) 391-1669
San Jose (510) 668-0830
Santa Barbara (805) 963-8857
Colorado
Denver (303) 427-0241
Connecticut
Wallingford (203) 949-6262
Florida
Fort Lauderdale (954) 761-8177
Orlando (407) 273-6977
Tampa Clearwater (813) 855-6619
Illinois
Chicago (847) 884-6500
Indiana
Indianapolis (317) 636-5600
Kansas
Overland Park (913) 789-6427
Wichita (316) 262-7711
Massachusetts
Boston (978) 851-2000

Maryland
Baltimore (410) 995-6627
D.C. Area (301) 621-8006
Michigan
Detroit (216) 524-2810
Grand Rapids (616) 243-5600
Minnesota
Minneapolis (952) 829-7200
Missouri
Saint Louis (314) 878-2228
New Jersey
N. Jersey - Morris County (856) 234-6400
S. Jersey - Philadelphia (856) 234-6400
New Mexico
Albuquerque (505) 888-3260
New York
Binghamton (607) 723-9180
Buffalo (716) 842-2692
Long Island NYC Metro (631) 737-2000
Rochester (585) 232-4470
Syracuse (315) 426-1228
North Carolina
Raleigh (919) 876-8922
Ohio
Cleveland (216) 524-2810
Columbus (614) 848-5770
Dayton (937) 885-6270
Oregon
Beaverton (503) 644-4560
Pennsylvania
Philadelphia (215) 546-4611
Pittsburgh (412) 281-4644

Texas
Austin (512) 795-2470
Fort Worth (972) 594-5900
Houston (713) 339-2700
Utah
Salt Lake City (801) 364-3400
Virginia
Richmond (804) 775-2130
Washington
Seattle (425) 882-0291
Wisconsin
New Berlin (252) 797-9265

Canada
Montreal (514) 426-1212
Ottawa (613) 567-7122
Toronto (905) 850-3003
Canada 1-800-225-5884
(For your closest office)

Latin America
Mexico (only) 001-800-225-5884
Puerto Rico 1-800-225-5884
U.S. (817) 624-6380
U.S. Fax (817) 624-6383

Europe
Vienna, Austria
Brno, Czech Republic
Copenhagen, Denmark
Brive, France
Dortmund, Germany

Hanover, Germany
Munich, Germany
Stuttgart, Germany
High Wycombe, Great Britain
Budapest, Hungary
Ra'anana, Israel
Bologna, Italy
Milan, Italy
Padua, Italy
Eindhoven, Netherlands
Kwidzyn, Poland
Cluj Napoca, Romania
North Lanarkshire, Scotland
Bratislava, Slovakia
Honeydew, South Africa
Barcelona, Spain
Bilbao, Spain
Gothenburg, Sweden
Stockholm, Sweden
Baur, Switzerland
Istanbul, Turkey
Essex, United Kingdom

Asia
Bangalore
Hong Kong
Shanghai
Shenzhen
Singapore
Taiwan
Thailand

CERTIFICATION OF COMPLIANCE - Seller hereby certifies that the products furnished on this shipment were manufactured by the referenced manufacturers in accordance with and conforms to the applicable manufacturers and military specifications, including MIL-STD-202 and IPC-EIA J-STD-002. Any value added work performed is limited as set forth in the **DISCLAIMER OF WARRANTIES AND LIMITATION OF REMEDIES** below hereof. Seller is an authorized distributor of the products furnished on this shipment and hereby certifies that the products are new, unused, and were purchased from the original manufacturer or through the manufacturer's authorized distribution. The original manufacturer warrants and certifies that the products it produces meet its specifications. Certifications to these effects are on file with the seller or are available from the manufacturer.

QPL CERTIFICATE - Seller certifies that the articles furnished in the quantities indicated, and against the referenced purchase order were produced by the named manufacturer, qualified under the Referenced Test Number, and QPL (or interim approval) number shown in the corresponding column on this document. The manufacturer's Certificate to this effect is on file with Seller or will be requested from the manufacturer.

MERCURY CERTIFICATE - Seller certifies that the components supplied for your order were manufactured without Mercury compounds and do not contain any Mercury. Data supporting this statement is on file with the Seller or available from the manufacturer.

TTI is registered to ISO9001:2008 globally, AS9100 in the U.S. and EN9120 & EN9100 in Europe.

CLAIMS: BUYER is deemed to have accepted the Products unless notice of rejection is given within a reasonable time, which is agreed to be within ten (10) days after receipt. **CLAIMS OF LATE DELIVERY** are void unless made prior to receipt of Products, and receipt of Products shall constitute a waiver of any claim of late delivery. No return will be accepted without prior "Return Material Authorization #" (R.M.A. #). Material must be returned as directed by the location issuing the R.M.A. # and be in its original packaging. Returns of products packaged in electrostatic packaging will not be accepted if electrostatic packaging has been opened.

QA INSPECTOR OR DESIGNEE is authorized by **DIRECTOR, TOTAL QUALITY** to certify conformance to the customer or military requirement referenced on this document.

ACCEPTANCE AND CANCELLATION OF ORDERS.

Each order for goods is subject to acceptance in writing by a duly authorized agent of seller; any written acknowledgement of receipt of an order shall not, in and of itself, constitute such acceptance. Orders accepted by Seller may be cancelled by Buyer upon written consent of Seller. In the event of cancellation or other withdrawal of an order for any reason and without limiting any other remedy which Seller may have as a result of such cancellation or other withdrawal, reasonable cancellation or restocking charges, which shall include all expenses than incurred and commitments made by Seller, shall be paid by Buyer to Seller. Special orders for items not normally stocked are non-cancelable and non-refundable.

DISCLAIMER OF WARRANTIES AND LIMITATION OF REMEDIES.

Seller disclaims any warranty respecting the merchantability of the products sold to Buyer or their fitness for any particular purpose or use. Seller agrees to transfer to Buyer whatever transferable warranties Seller receives from the manufacturer of products sold to Buyer. Value-added work performed by Seller will conform to applicable Buyer's specifications relating to such work.

THE WARRANTIES STATED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WHETHER STATUTORY, EXPRESS OR IMPLIED.

Seller's liability arising out of any sale of goods to Buyer is expressly limited to either (1) Refund of the purchase price paid by Buyer for such goods (without interest), or (2) Repair and/or replacement of such goods, at Seller's election, and such remedies shall be exclusive and in lieu of all others. **IN NO EVENT SHALL SELLER BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, INCLUDING BUT NOT LIMITED TO, PERSONAL INJURY OR PROPERTY DAMAGE.** Buyer's recovery from Seller for any claim shall not exceed the purchase price paid by Buyer for the goods, irrespective of the nature of the claim, whether in warrant, contract or otherwise. Any action resulting from any breach on the part of Seller as to the goods delivered hereunder must be commenced within one (1) year after the receipt of goods by Buyer.

BUYER'S TERMS AND CONDITIONS.

Seller desires to provide its customers with prompt and efficient service. Accordingly goods furnished and services rendered by Seller are sold only on the terms and conditions stated herein. Notwithstanding any terms and conditions on Buyer's order, the information and conditions on the Credit Application are controlling over Buyer and Seller. Any conflicting statements or terms listed on the Buyer purchase orders, invoice, confirmations or other Buyer generated documents ("Buyer Documents") whether heretofore or hereafter submitted are negated by submission of the Credit Application and the issuance of credit by Seller, and all different or additional terms and conditions contained in any Buyer Documents are hereby objected to by Seller. Seller's performance of any contract is expressly made conditional on Buyer's agreement to Seller's Terms and Conditions of Sale, unless otherwise specifically agreed in writing by Seller. In the absence of such agreement, commencement of performance and/or delivery shall be for Buyer's convenience only and shall not be deemed or construed to be acceptance of Buyer's terms and conditions, or any of them. If a contract is not earlier formed by mutual agreement in writing, acceptance by Buyer of any goods or services shall be deemed acceptance by Buyer of the terms and conditions stated herein.

BUYER agrees to comply with all applicable U.S. export control laws and regulations, specifically including, but not limited to, the requirements of the Arms Export Control Act, 22 U.S.C. 2751-2794, including the International Traffic in Arms Regulations (ITAR), 22 C.F.R. 120 et seq.; the Export Administration Act, 50 U.S.C. app. 2401-2420, including the Export Administration Regulations, 15 C.F.R. 730-774, including the requirement for obtaining any export license or agreement, if applicable; and, compliance with Office of Foreign Assets Control (OFAC) economic and trade sanctions against targeted foreign countries and regimes, terrorists, international narcotics traffickers, those engaged in activities related to the proliferation of weapons of mass destruction, and other threats to the national security of the United States as set forth in Appendix A to 31 C.F.R. Chapter V and on OFAC's web site at <http://www.ustr.gov/offices/enforcement/ofac>. Without limiting the foregoing, BUYER further agrees that it will not transfer any export controlled item, data, or services, to include transfer to foreign persons employed by or associated with, or under contract to BUYER, without the authority of an export license, agreement, or applicable exemption or exception. BUYER shall immediately notify SELLER if BUYER is, or becomes, listed in any Denied Parties List or if BUYER's export privileges are otherwise denied, suspended or revoked in whole or in part by any U.S. Government entity or agency. If BUYER is engaged in the business of exporting defense articles or furnishing defense services, BUYER represents that it is registered with the Directorate of Defense Trade Controls, as required by the ITAR, and it maintains an effective export import compliance program in accordance with the ITAR. **COMPLIANCE WITH EXECUTIVE ORDER 11246:** TTI fully incorporates by reference, and is bound by and subject to, the provisions set forth in 41 C.F.R. 60-1.4(a). **YOU ARE HEREBY NOTIFIED** that acceptance of this contract constitutes (1) your agreement to be bound by the requirements, regulations, and provisions contained in 41 C.F.R. 60-1.4(a), to the extent required by law, and (2) your consent to provide any required certification of same to TTI, at TTI's request.

Limitation of Liability per Shipment

BUYER agrees that SELLER shall in no event be liable for any loss, damage, expense or delay to the goods for any reason except to the extent caused by its negligence or willful misconduct. BUYER has the option of paying special compensation to increase the liability for the shipment in case of any loss, damage, expense or delay, but such options can be exercised only by specific written agreement made with SELLER prior to shipment, which agreement shall indicate the limit of liability and the additional compensation for the added liability to be assumed.

THANK YOU FOR YOUR ORDER AND YOUR CONFIDENCE IN US. We want to provide you the best service available. If you have any questions or problems, please have your buyer call

your TTI sales customer service representative to assist you.



Global Headquarters
TTI, Inc.
2441 Northeast Parkway
Fort Worth, Texas 76106
(817)740-9000
(817)740-9898 Fax
www.ttiinc.com

European Headquarters
TTI, Inc.
Ganghoferstr. 34
82216 Maisach-Gernlinden
Germany
+49 8142 6680-0
+49 8142 6680-490 Fax
www.tti-europe.com

Asia Headquarters
TTI Electronic Asia Pte. Ltd.
3 Changi North Street 2
Logistics Building #03-02
Singapore 498827
(65) 6788-9200
(65) 6788-9300 Fax
www.tti-asia.com

1 - 800 - CALL - TTI

Alabama
Huntsville (256) 721-1597
Arizona
Tempe (480) 638-1590
Tucson (520) 624-6929
California
Los Angeles (818) 407-8000
Orange County (714) 505-4857
Sacramento (916) 987-4600
San Diego (858) 748-2025
San Fernando Valley (818) 407-8000
San Francisco (415) 391-1669
San Jose (510) 668-0830
Santa Barbara (805) 963-8857
Colorado
Denver (303) 427-0241
Connecticut
Wallingford (203) 949-6262
Florida
Fort Lauderdale (954) 761-8177
Orlando (407) 273-6977
Tampa Clearwater (813) 855-6619
Illinois
Chicago (847) 884-6500
Indiana
Indianapolis (317) 636-5600
Kansas
Overland Park (913) 789-6427
Wichita (316) 262-7711
Massachusetts
Boston (978) 851-2000

Maryland
Baltimore (410) 995-6627
D.C. Area (301) 621-8006
Michigan
Detroit (216) 524-2810
Grand Rapids (616) 243-5600
Minnesota
Minneapolis (952) 829-7200
Missouri
Saint Louis (314) 878-2228
New Jersey
N. Jersey Morris County (856) 234-6400
S. Jersey Philadelphia (856) 234-6400
New Mexico
Albuquerque (505) 888-3260
New York
Binghamton (607) 723-9180
Buffalo (716) 842-2692
Long Island NYC Metro (631) 737-2000
Rochester (585) 232-4470
Syracuse (315) 426-1228
North Carolina
Raleigh (919) 876-8922
Ohio
Cleveland (216) 524-2810
Columbus (614) 848-5770
Dayton (937) 885-6270
Oregon
Beaverton (503) 644-4560
Pennsylvania
Philadelphia (215) 546-4611
Pittsburgh (412) 281-4644

Texas
Austin (512) 795-2470
Fort Worth (972) 594-5900
Houston (713) 339-2700
Utah
Salt Lake City (801) 564-3400
Virginia
Richmond (804) 775-2130
Washington
Seattle (425) 882-6291
Wisconsin
New Berlin (252) 797-9265
Canada
Montreal (514) 426-1212
Ottawa (613) 567-7122
Toronto (905) 850-3093
Canada 1-800-225-5884
(For your closest office)
Latin America
Mexico (only) 001-800-225-5884
Puerto Rico 1-800-225-5884
U.S. (817) 624-6380
U.S. Fax (817) 624-6383
Europe
Vienna, Austria
Brno, Czech Republic
Copenhagen, Denmark
Brive, France
Dortmund, Germany

Hanover, Germany
Munich, Germany
Stuttgart, Germany
High Wycombe, Great Britain
Budapest, Hungary
Ra'anana, Israel
Bologna, Italy
Milan, Italy
Padua, Italy
Eindhoven, Netherlands
Kwidzyn, Poland
Cluj Napoca, Romania
North Lanarkshire, Scotland
Bratislava, Slovakia
Honeydew, South Africa
Barcelona, Spain
Bilbao, Spain
Gothenburg, Sweden
Stockholm, Sweden
Basel, Switzerland
Istanbul, Turkey
Essex, United Kingdom

Asia
Bangalore
Hong Kong
Shanghai
Shenzhen
Singapore
Taiwan
Thailand

CERTIFICATION OF COMPLIANCE - Seller hereby certifies that the products furnished on this shipment were manufactured by the referenced manufacturers in accordance with and conforms to the applicable manufacturers and military specifications, including MIL-STD-202 and IPC EIA J-STD-002. Any value added work performed is limited as set forth in the **DISCLAIMER OF WARRANTIES AND LIMITATION OF REMEDIES** below hereof. Seller is an authorized distributor of the products furnished on this shipment and hereby certifies that the products are new, unused, and were purchased from the original manufacturer or through the manufacturer's authorized distribution. The original manufacturer warrants and certifies that the products it produces meet its specifications. Certifications to these effects are on file with the seller or are available from the manufacturer.

QPL CERTIFICATE - Seller certifies that the articles furnished in the quantities indicated, and against the referenced purchase order were produced by the named manufacturer, qualified under the Referenced Test Number, and QPL (or interim approval) number shown in the corresponding column on this document. The manufacturer's Certificate to this effect is on file with Seller or will be requested from the manufacturer.

MERCURY CERTIFICATE - Seller certifies that the components supplied for your order were manufactured without Mercury compounds and do not contain any Mercury. Data supporting this statement is on file with the Seller or available from the manufacturer.

TTI is registered to ISO9001:2008 globally, AS9100 in the U.S. and EN9120 & EN9100 in Europe.

CLAIMS: BUYER is deemed to have accepted the Products unless notice of rejection is given within a reasonable time, which is agreed to be within ten (10) days after receipt. **CLAIMS OF LATE DELIVERY** are void unless made prior to receipt of Products, and receipt of Products shall constitute a waiver of any claim of late delivery. No return will be accepted without prior "Return Material Authorization #". (R.M.A. #). Material must be returned as directed by the location issuing the R.M.A. # and be in its original packaging. Returns of products packaged in electrostatic packaging will not be accepted if electrostatic packaging has been opened.

QA INSPECTOR OR DESIGNEE is authorized by **DIRECTOR, TOTAL QUALITY** to certify conformance to the customer or military requirement referenced on this document.

ACCEPTANCE AND CANCELLATION OF ORDERS.

Each order for goods is subject to acceptance in writing by a duly authorized agent of seller; any written acknowledgement of receipt of an order shall not, in and of itself, constitute such acceptance. Orders accepted by Seller may be cancelled by Buyer upon written consent of Seller. In the event of cancellation or other withdrawal of an order for any reason and without limiting any other remedy which Seller may have as a result of such cancellation or other withdrawal, reasonable cancellation or restocking charges, which shall include all expenses then incurred and commitments made by Seller, shall be paid by Buyer to Seller. Special orders for items not normally stocked are non-cancelable and non-refundable.

DISCLAIMER OF WARRANTIES AND LIMITATION OF REMEDIES.

Seller disclaims any warranty respecting the merchantability of the products sold to Buyer or their fitness for any particular purpose or use. Seller agrees to transfer to Buyer whatever transferable warranties Seller receives from the manufacturer of products sold to Buyer. Value-added work performed by Seller will conform to applicable Buyer's specifications relating to such work.

THE WARRANTIES STATED HEREIN ARE EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES WHETHER STATUTORY, EXPRESS OR IMPLIED.

Seller's liability arising out of any sale of goods to Buyer is expressly limited to either (1) Refund of the purchase price paid by Buyer for such goods (without interest), or (2) Repair and/or replacement of such goods, at Seller's election, and such remedies shall be exclusive and in lieu of all others. **IN NO EVENT SHALL SELLER BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, INCLUDING BUT NOT LIMITED TO, PERSONAL INJURY OR PROPERTY DAMAGE.** Buyer's recovery from Seller for any claim shall not exceed the purchase price paid by Buyer for the goods, irrespective of the nature of the claim, whether in warrant, contract or otherwise. Any action resulting from any breach on the part of Seller as to the goods delivered hereunder must be commenced within one (1) year after the receipt of goods by Buyer.

BUYER'S TERMS AND CONDITIONS.

Seller desires to provide its customers with prompt and efficient service. Accordingly goods furnished and services rendered by Seller are sold only on the terms and conditions stated herein. Notwithstanding any terms and conditions on Buyer's order, the information and conditions on the Credit Application are controlling over Buyer and Seller. Any conflicting statements or terms listed on the Buyer purchase orders, invoice, confirmations or other Buyer generated documents ("Buyer Documents") whether heretofore or hereafter submitted are negated by submission of the Credit Application and the issuance of credit by Seller, and all different or additional terms and conditions contained in any Buyer Documents are hereby objected to by Seller. Seller's performance of any contract is expressly made conditional on Buyer's agreement to Seller's Terms and Conditions of Sale, unless otherwise specifically agreed in writing by Seller. In the absence of such agreement, commencement of performance and/or delivery shall be for Buyer's convenience only and shall not be deemed or construed to be acceptance of Buyer's terms and conditions, or any of them. If a contract is not earlier formed by mutual agreement in writing, acceptance by Buyer of any goods or services shall be deemed acceptance by Buyer of the terms and conditions stated herein. BUYER agrees to comply with all applicable U.S. export control laws and regulations, specifically including, but not limited to, the requirements of the Arms Export Control Act, 22 U.S.C. 2751-2794, including the International Traffic in Arms Regulations (ITAR), 22 C.F.R. 120 et seq.; the Export Administration Act, 50 U.S.C. app. 2401-2420, including the Export Administration Regulations, 15 C.F.R. 730-774, including the requirement for obtaining any export license or agreement, if applicable; and, compliance with Office of Foreign Assets Control (OFAC) economic and trade sanctions against targeted foreign countries and regimes, terrorists, international narcotics traffickers, those engaged in activities related to the proliferation of weapons of mass destruction, and other threats to the national security of the United States as set forth in Appendix A to 31 C.F.R. Chapter V and on OFAC's web site at <http://www.ustras.gov/offices/enforcement/ofac>. Without limiting the foregoing, BUYER further agrees that it will not transfer any export controlled item, data, or services, to include transfer to foreign persons employed by or associated with, or under contract to BUYER, without the authority of an export license, agreement, or applicable exemption or exception. BUYER shall immediately notify SELLER if BUYER is, or becomes, listed in any Denied Parties List or if BUYER's export privileges are otherwise denied, suspended or revoked in whole or in part by any U.S. Government entity or agency. If BUYER is engaged in the business of exporting defense articles or furnishing defense services, BUYER represents that it is registered with the Directorate of Defense Trade Controls, as required by the ITAR, and it maintains an effective export import compliance program in accordance with the ITAR. **COMPLIANCE WITH EXECUTIVE ORDER 11246**; TTI fully incorporates by reference, and is bound by and subject to, the provisions set forth in 41 C.F.R. 601-1.4(a). **YOU ARE HEREBY NOTIFIED** that acceptance of this contract constitutes (1) your agreement to be bound by the requirements, regulations, and provisions contained in 41 C.F.R. 601-1.4(a), to the extent required by law, and (2) your consent to provide any required certification of same to TTI, at TTI's request.

Limitation of Liability per Shipment

BUYER agrees that SELLER shall in no event be liable for any loss, damage, expense or delay to the goods for any reason except to the extent caused by its negligence or willful misconduct. BUYER has the option of paying special compensation to increase the liability for the shipment in case of any loss, damage, expense or delay, but such options can be exercised only by specific written agreement made with SELLER prior to shipment, which agreement shall indicate the limit of liability and the additional compensation for the added liability to be assumed.

THANK YOU FOR YOUR ORDER AND YOUR CONFIDENCE IN US. We want to provide you the best service available. If you have any questions or problems, please have your buyer call your TTI sales customer service representative to assist you.



Performance. Trust. Innovation.

PACKING LIST

5300 Avion Park Drive
Highland Heights, OH 44143

(866) 434-5463

Purchase Order No.

909078

* OH-480-714 *
* PKG. ID. # *
* YJI572- 1 *

SOLD TO

POSITRONIC CARIBE, INC.
PO BOX 8247
ATTN: ACCOUNTS PAYABLE
SPRINGFIELD MO 65801-8247

SHIP TO

POSITRONIC CARIBE, INC.
101 ROAD # 591
EL TUQUE INDUSTRIAL PARK
PONCE PR 00728-2803

Ph:

TODAYS DATE		DATE ORDERED	TERMS	SHIP VIA		OUR ORDER NO.	
06/10/14		06/10/14	NET 30	UPS FRTCOL RED 1 DAY		YJI572- 1	
TODAYS TIME		F.O.B.		BUYER		NO GOODS SHALL BE RETURNED WITHOUT AUTHORIZATION	
6:35 P		SP		CRISTINE COLON			
LN	MFG	PART NUMBER		RoHS	U/M	QUANTITY	CUSTOMER
						ORDERED	DUE DATE
						SHIPPED	
						BACK ORDER	
001	AMP	60617-1		Y	EA	400	06/11/14
		CMNL SOK SNBR L/P					
		CUST # 5054-347-0-0	0252066425				
002	AMP	60618-1		Y	EA	400	06/11/14
		CMNL PIN PTPBR L/P					
		CUST # 5054-347-1-0	02520671425				
Y In The RoHS Column Are Certified RoHS Compliant Per The Manufacturer							

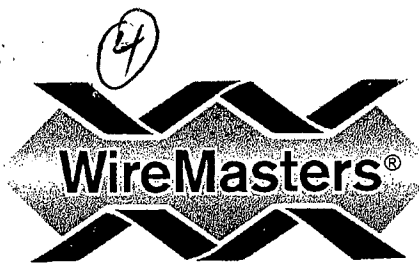
- Page 1 -

CERTIFICATION OF COMPLIANCE We hereby certify that all parts supplied under this purchase order have been processed in accordance with all applicable instructions and specifications. All claims for shortages or defects must be made within 15 days after receipt of material. No returns accepted without return material authorization number and lot traceability. Our liability is limited to replacing the material or refunding the invoice value of the material sold. IMPORTANT-MAINTAIN TRACEABILITY-DO NOT MIX LOTS



Dick Durland

DICK DURLAND - CORPORATE QUALITY MANAGER



1788 Northpointe Road
Columbia, TN 38401

(800) 635-5342
(615) 791-0281
Fax: (615) 791-6182

Packing Slip

Order #	00519238	Page	1
Ticket #	00623226	Date	06/11/2014
Cust #	5050	Slsman	Z
Weight		Pieces	

AS9100 & ISO 9001 Certified


Bill To: POSITRONIC INDUSTRIES, INC.
423 N. CAMPBELL AVE
SPRINGFIELD MO 65806 US-USA

Ship To: POSITRONIC CARIBE INC
101 ROAD # 591
EL TUQUE INDUSTRIAL PARK
PONCE PR 00728-0920 PUERTO RICO

Shipping
Instructions

CI UPS ACCT#X251X3
+/-0% ALL MATERIAL MUST BE ROHS
Fedex Economy 2512-7041-4

Material cannot be returned without first obtaining an R.M.A. number.

Ship Via UPS BC		F.O.B. SP		Terms NET 30		Customer PO Number 909072	
Line#	Qty Ordered UOM	Item Number / Description	Site	Qty Shipped	Qty Back Ord		
1	700 FT	WMEX0.250BK FR 1/4" BLACK/WHITE TRACER CPN: 5054-348-0-0 Lot 0252 281425 Reel: 02163966 500 Mfg Info: TECHFLEX 20593V 4/14 Reel: 02163971 200 Mfg Info: TECHFLEX 20593V 4/14 MC/TR	TN	700			
 QUALITY CONTROL							

CERTIFICATE OF COMPLIANCE - This is to certify that all items of merchandise supplied are tested and meet the applicable requirements, specifications and/or drawings listed on your purchase order. Liability for any

(4)



A Division of Dermody Associates Inc.

TECHFLEX^{Inc.}

29 Brookfield Drive
Sparta NJ 07871
973-300-9242

Certificate of Compliance

All items furnished with this shipment are in full compliance with the purchase order and specification requirements. Complete physical and chemical test reports, as required, are on file and available for review. Material meets or exceeds the requirements of the FAR 25 Appendix F 60 degree flammability test. Material is ROHS compliant. This material has an indefinite shelf life when stored under normal warehouse conditions.

26883

Company Name: WireMasters, Incorporated

Purchase Order: 00231084

Manufactured: 4-4-14 – FRN0.25TB – WMEX0.250BK

Lot: 20593V

Signed:

Jeffrey Opitz
Jeffrey Opitz, Quality Control Manager



1788 Northpointe Road
Columbia, TN 38401

(800) 635-5342
(615) 791-0281
Fax: (931) 380-5859

Invoice

Invoice	00673640	Page	1
Order #	00509972	Date	04/08/2014
Cust #	5050	Ship	04/08/2014
Slaman	Z	Ticket#	00609556

AS9100 & ISO 9001 Certified

Sold To: POSITRONIC INDUSTRIES, INC.
423 N. CAMPBELL AVE
SPRINGFIELD MO 65806 US-USA

Ship To: POSITRONIC CARIBE INC
101 ROAD # 591
EL TUQUE INDUSTRIAL PARK
PONCE PR 00728-0920 PUERTO RICO

Ship Via		F.O.B.		Terms		Customer PO Number	
UPS B		SP		NET 30		908405	
Line#	Quantity UOM	Item Number / Description			Shipped	Price UOM	Extension
3	100 EA	WMTSHML9 MIL-S-83519/2-9 Cust P/N: 5054-85-7-0 <i>Lot 02464011415</i>			100	.65000 EA	65.00
4	200 FT	WM22759/11-22-9 M22759/11-22-9 Cust P/N: A5049-180-9-0 <i>Lot 02464021415</i>			200	122.00000 MFT	24.40
5	100 FT	WM22759/32-22-90 M22759/32-22-90 Cust P/N: A5049-188-90-0 <i>Lot 02464031415</i>			100	60.00000 MFT	6.00
8	1,000 FT	<i>(S)</i> WMHS23053/5-105-9-S M23053/5-105-9 0.187" Cust P/N: A5052-9-3-0 <i>Lot 02464041415</i> MADE IN THE USA TERMS EXW NET WGT 17 LBS TERMINATION SLEEVES - LINE 3 WIRE/CABLE - LINES 4 & 5 HEAT SHRINK TUBING - LINE 8 US FUNDS NLR Pro #: 1Z2325AR0254859079 Pro #: 1Z2325AR0254828487 Pieces: 2 Weight: 17 RMA: No credit will be issued for materials returned without			1,000	10.00000 CFT	100.00
Product Total		Discount		Shipping		Tax	
						Invoice Total	
						Continued	



1788 Northpointe Road
Columbia, TN 38401

(800) 635-5342
(615) 791-0281
Fax: (615) 791-6182

Packing Slip

Order #	00509972	Page	1
Ticket #	00609556	Date	04/08/2014
Cust #	5050	Sleman	Z
Weight		Pieces	

AS9100 & ISO 9001 Certified

Bill To: POSITRONIC INDUSTRIES, INC.
423 N. CAMPBELL AVE
SPRINGFIELD MO 65806 US-USA

Ship To: POSITRONIC CARIBE INC
101 ROAD # 591
EL TUQUE INDUSTRIAL PARK
PONCE PR 00728-0920 PUERTO RICO

Shipping
Instructions

CI UPS ACCT#X251X3
+/-0% ALL MATERIAL MUST BE ROHS
Fedex Economy 2512-7041-4

Material cannot be returned without first obtaining an R.M.A. number.

Ship Via		P.O.B.		Terms		Customer PO Number	
UPS BC		SP		NET 30		908405	
Line#	Qty Ordered UOM	Item Number / Description			Site	Qty Shipped	Qty Back Ord
3	100 EA	WMTSHML9 MIL-S-83519/2-9 CPN: 5054-85-7-0 Reel: 02110521 100 Mfg Info: SUMITOMO W01107408002 1/14 MC			TN	100	
4	200 FT	WM22759/11-22-9 M22759/11-22-9 CPN: A5049-180-9-0 Reel: 02110531 200 Mfg Info: SUPER-TEMP 20913-10J 1/14 MC/TR			TN	200	
5	100 FT	WM22759/32-22-90 M22759/32-22-90 CPN: A5049-188-90-0 Reel: 02110533 100 Mfg Info: JUDD 796129 4/09 CAGE CODE 12703 MC/TR			TN	100	
8	1,000 FT	WMHS23053/5-105-9-S M23053/5-105-9 0.187" CPN: A5052-9-3-0 Reel: 02110523 250 Mfg Info: DUNBAR B076250D85 08/13 DOE: 08/05/2018 Reel: 02110524 250			TN	1,000	

CERTIFICATE OF COMPLIANCE - This is to certify that all items of merchandise supplied are tested and meet the applicable requirements, specifications and/or drawings listed on your purchase order. Liability for any non-conformance, however, would be limited to the value of the material supplied.



1788 Northpointe Road
Columbia, TN 38401

(800) 635-5342
(615) 791-0281
Fax: (615) 791-6182

Packing Slip

Order # 00509972 Page 2
Ticket # 00609556 Date 04/08/2014
Cust # 5050 Salesman Z
Weight Pieces

AS9100 & ISO 9001 Certified


Bill To: POSITRONIC INDUSTRIES, INC.
423 N. CAMPBELL AVE
SPRINGFIELD MO 65806 US-USA

Ship To: POSITRONIC CARIBE INC
101 ROAD # 591
EL TUQUE INDUSTRIAL PARK
PONCE PR 00728-0920 PUERTO RICO

Shipping
Instructions

CI UPS ACCT#X251X3
+/-0% ALL MATERIAL MUST BE ROHS
Fedex Economy 2512-7041-4

Material cannot be returned without first obtaining an R.M.A. number.

Ship Via UPS BC		F.O.B. SP		Terms NET 30		Customer PO Number 908405	
Line#	Qty Ordered UOM	Item Number / Description			Site	Qty Shipped	Qty Back Ord
		Mfg Info: DUNBAR B076250D85			08/13		
		DOE: 08/05/2018					
		Reel:	02110525	250			
		Mfg Info: DUNBAR B076250D85			08/13		
		DOE: 08/05/2018					
		Reel:	02110526	250			
		Mfg Info: DUNBAR B076250D93			09/13		
		DOE: 09/03/2018					
		MC/TR					
		*MATERIAL MUST BE DUNBAR					
<div> QUALITY CONTROL</div>							

CERTIFICATE OF COMPLIANCE - This is to certify that all items of merchandise supplied are tested and meet the applicable requirements, specifications and/or drawings listed on your purchase order. Liability for any non-conformance, however, would be limited to the value of the material supplied.

(5) TEST REPORT AND CERTIFICATE OF CONFORMANCE

CUSTOMER : WireMasters Inc.
 ITEM : 189-10270
 QTY : 3000
 DRAWING : H-ML-X SAE AS83519/2 (6-10)
 REVISION : NC
 PRODUCT : STS H-ML-9
SOLDER TERMINATION SLEEVE WITH PRE-INSTALLED LEAD
ENVIRONMENT RESISTANT, SAE AS83519/2 QUALIFIED
 CAGE CODE 1JX75
MERCURY FREE PRODUCTS
 MIL P/N : M83519/2-9

PO# : 00228594
 SO# : 118415
 T/R# : 142031
 T/R DATE : 1/16/14
 PICK# : 172457
 SEIP LOT : W01107408002
 1107408
 140114B01
 DOM : 1/14/14
 DOE : Indefinite

TEST ITEM	REQUIREMENT	RESULTS
Visual and Dimensional		
Overall length(L)	.680 -- .820	.749 -- .776
Upper inner Dian ((oD)	.235 MIN.	.241 -- .249
Lower Inner Dian((oD1)	.255 MIN.	.280 -- .282
Insert spacing(L1)	.325 MIN.	.391 -- .440
Pre-installed wire lead length	6.000 MIN.	6.500 -- 6.500
Material		
Solder Preform and flux	Alloy per SN63 with red thermochromic indicator, EUTECTIC at 183°C per ANSI-J-STD-006 *(class II = no red thermochromic indicator)	PASS
Insulation sleeve	Heat shrinkable radiation crosslinked modified polyvinylidene fluoride color = transparent blue	PASS
Meltable sealing ring	Thermally stabilized thermoplastic color 2 blue	PASS
Pre-installed wire lead	MIL-W-22759/32-22-90	PASS
NOTES	Product tested and qualified to SAE AS83519/2 and are listed on the QPL (class I) ; Temperature range: -55°C to +150°C	PASS

CERTIFICATE OF CONFORMANCE

Sumitomo Electric Interconnect Products, Inc. hereby certifies the above described product meets or exceeds all of the requirements of the specifications and/or standards listed. (Cage Code 1JX75)



01/16/14

Gary Zing
Quality Assurance Manager

Date

Sumitomo Electric Interconnect Products, Inc.
 915 Armortite Drive, San Marcos CA 92069-1440
 Telephone: (760)761-0600 Facsimile: (760)761-0620
 USA/CA 800-328-SEIP (7347)

Super-Temp Wire and Cable, Inc.
Material Test Report and Certificate of Conformance

354648

ST

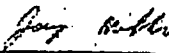
Customer Name WIREMASTERS, INC.
Order # 00213073
Super-Temp PN ST0774-9
Callout M22759/11-22-9
Customer PN: WM22759/11-22-9

Lot # 20913-10J
Quantity 320417
Date of Manufacture 1/30/2014

Test	Result	Test	Result
Conductor Material	SPC	Insulation Circumferential Elongation:	396.00%
Conductor Stranding	19	Concentricity	81.00%
Conductor Strand Adhesion	Pass	Spark Test	Pass
Conductor Diameter	0.0290	Insulation Low Temp Resistance	Pass
Conductor dc Resistance	Pass	Heat Resistance	Pass
Conductor Elongation	Pass	Insulation Thermal Shock:	Pass
Insulation Material	PTFE	Wrap-Back	Pass
Insulation Diameter	0.0500	Shrinkage	Pass
Insulation Stripping	Pass	Workmanship	Pass
Insulation Blocking	Pass	Stripe Durability:	N/A
Insulation Wall Thickness:	10.500	Stripe Color:	N/A
Color	WHITE	Identification Durability:	Pass
Insulation Tensile Strength	5286 PSI	Conductor Solderability:	Pass
Insulation Elongation	481.00%	Weight:	3.611
Insulation Resistance:	Pass		

It is hereby certified that the material supplied is in conformance with requirements and specifications of : SAE AS22759/11-22

Directive 2002/95/EC - RoHS Compliant


Quality Control Manager



JUDD WIRE INC.

124 Turnpike Road
Turners Falls, MA 01376-2899

TFF-057, Rev. B
December 27, 2000

CERTIFICATE OF COMPLIANCE

CUSTOMER:

WIREMASTERS INC.

DATE:

4/29/2009

CUSTOMER PART No:

WM22759/32-22-9

PURCHASE ORDER No.:

00149179

JUDD LOT No.:

796128

QUANTITY:

100,610

SPECIFICATION(S):

SAE-AS22759/32-22-9, M22759/32-22-9

We certify that the above-described material has been manufactured, tested and inspected in compliance with the requirements of your purchase order and all applicable specifications and/or drawings.

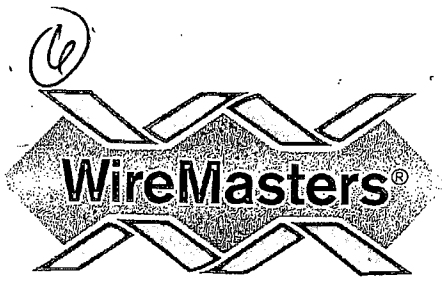
JUDD WIRE INC.

Robert T. Rigby
VP of Quality & Human Resources

Telephone (413) 863-4357

FAX (413) 863-2305

179328



1788 Northpointe Road
Columbia, TN 38401

(800) 635-5342
(615) 791-0281
Fax: (615) 791-6182

Packing Slip

Order #	00517243	Page	1
Ticket #	00620318	Date	05/28/2014
Cust #	5050	Slsman	Z
Weight		Pieces	

AS9100 & ISO 9001 Certified


Bill To: POSITRONIC INDUSTRIES, INC.
423 N. CAMPBELL AVE
SPRINGFIELD MO 65806 US-USA

Ship To: POSITRONIC CARIBE INC
101 ROAD # 591
EL TUQUE INDUSTRIAL PARK
PONCE PR 00728-0920 PUERTO RICO

Shipping
Instructions

CI UPS ACCT#X251X3
+/-0% ALL MATERIAL MUST BE ROHS
Fedex Economy 2512-7041-4

Material cannot be returned without first obtaining an R.M.A. number.

Ship Via UPS BC		F.O.B. SP	Terms NET 30		Customer PO Number 908901	
Line#	Qty Ordered UOM	Item Number / Description	Site	Qty Shipped	Qty Back Ord	
1	300 FT	WM22759/41-20-0 M22759/41-20-0 <i>Lot-0250 9031423</i> CPN: 5049-217-0-0 Reel: 02151115 300 Mfg Info: NEXANS 57759 11/12 MC/TR	TN	300		
 QUALITY CONTROL						

CERTIFICATE OF COMPLIANCE - This is to certify that all items of merchandise supplied are tested and meet the applicable requirements, specifications and/or drawings listed on your purchase order. Liability for any non-conformance; however, would be limited to the value of the material supplied

7



1788 Northpointe Road
Columbia, TN 38401
(800) 635-5342
(615) 791-0281
Fax: (615) 791-6182

Packing Slip

Order #	00517243	Page	1
Ticket #	00620807	Date	05/30/2014
Cust #	5050	Slsman	Z
Weight		Pieces	

AS9100 & ISO 9001 Certified


Bill To: POSITRONIC INDUSTRIES, INC.
423 N. CAMPBELL AVE
SPRINGFIELD MO 65806 US-USA

Ship To: POSITRONIC CARIBE INC
101 ROAD # 591
EL TUQUE INDUSTRIAL PARK
PONCE PR 00728-0920 PUERTO RICO

Shipping Instructions

CI UPS ACCT#X251X3
+/-0% ALL MATERIAL MUST BE ROHS
Fedex Economy 2512-7041-4

Material cannot be returned without first obtaining an R.M.A. number.

Ship Via UPS BC		F.O.B. SP	Terms NET 30		Customer PO Number 908901	
Line#	Qty Ordered UOM	Item Number / Description		Site	Qty Shipped	Qty Back Ord
3	300 FT	WM22759/41-20-2 M22759/41-20-2 CPN: 5049-217-2-0 Reel: 02152746 300 Mfg Info: ALCATEL 13142 3/99 MC/TR		TN	300	
<div> QUALITY CONTROL</div>						

CERTIFICATE OF COMPLIANCE - This is to certify that all items of merchandise supplied are tested and meet the applicable requirements, specifications and/or drawings listed on your purchase order. Liability for any non-conformance, however, would be limited to the value of the material supplied.

8
EIS, Inc.
Corporate Office
Phone 678-255-3600
2018 Powers Ferry Rd, Ste 500
Atlanta, GA 30339
TO:
POSITRONIC Industries Caribe
101 ROAD # 591
EL TUQUE INDUSTRIAL PARK
PONCE PR 00731

FROM:
EIS Puerto Rico
La-Ceramica Industrial Park, Gildit
CAROLINA PR 00983
USA
Sales Contact: Hector Urbina
CRISTINE
Phone #: 7877576565
E-Mail: hurbina@eis-inc.com

PACKING LIST

Number/Date
55196978 / 12/03/2013 08:54:18
Purchase Order No.
907256
Purchase Order Date

Order no./Date
47332449 / 12/03/2013
Customer no.
13402
Customer Phone: 787 8410920
Customer Fax: 787 8415345

Ship Date: _____



Terms of delivery: FRT UPS COLLECT
UPS ACCT# 225-86X

Item	Material Description	QtyOrdered	DeliveryQty StorageBin	QtyShipped
000010	SN63ULTRAPURE	150.000	150.000 LB	
1,850	63/37, ULTRAPURE BAR SOLDER	1-2/3 LB	0208B	
Customer article no. 859-90-4-0				

CERTIFICATE OF COMPLIANCE

MATERIALS INCLUDED IN THIS SHIPMENT ARE THOSE SPECIFIED ON THE PURCHASE ORDER. ALL SPECIFICATIONS AND PROPERTIES OF THE MATERIAL ARE DETERMINED BY THE MANUFACTURER.

Authorized Signature / Title: _____

RECEIVED

Calderon
12/4/13



2T

ENT BY: _____ PREP BY: _____ CKD BY: _____ #SKIDS: _____ #PKGS: _____ BOL#: _____
NOTE: Product shipped in accordance with our Terms and Conditions, see attached.

POSITRONIC INDUSTRIES CARIBE, INC.

AS9102 - First Article Inspection

Sheet 1 of 4

Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

1. Part Number D4728-051 (CC3986-V09)				2. Part Name CABIN LIGHT # 1 ASSY			3. Serial Number N/A	4. FAI Report FAI - 116
Characteristic Accountability				Inspection / Test Results			Optional Fields	
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed Tooling	11. Non-Conformance Number	14A. GAGE USED	14B. INSPECTED BY:
1	A-8	NOTE 1	ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER, USE CRIMP SPLICES FOR REPAIR).	ACCEPTABLE	N/A	N/A	VISUAL	QC 5184
2	A-8	NOTE 2	ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.	N/A	N/A	N/A	N/A	QC 5184
3	A-8	NOTE 3	ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.	ACCEPTABLE	N/A	N/A	VISUAL	QC 5184

POSITRONIC INDUSTRIES CARIBE, INC.

AS9102 - First Article Inspection

Sheet 1 of 4

Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

1. Part Number D4728-051 (CC3986-V09)			2. Part Name CABIN LIGHT # 1 ASSY			3. Serial Number N/A		4. FAI Report FAI - 116	
Characteristic Accountability			Inspection / Test Results			Optional Fields			
5. Char No.	6. Reference Location	7. Characteristic Designator	8. Requirement	9. Results	10. Designed Tooling	11. Non-Conformance Number	14A. GAGE USED	14B. INSPECTED BY:	
1	A-8	NOTE 1	ALL NEW UNSHIELDED WIRE USE M22759/41-xx-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER, USE CRIMP SPLICES FOR REPAIR).	ACCEPTABLE	N/A	N/A	VISUAL	QC 5184	
2	A-8	NOTE 2	ALL NEW TWISTED SHIELDED CABLE USE M27500-xxTGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.	N/A	N/A	N/A	N/A	QC 5184	
3	A-8	NOTE 3	ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.	ACCEPTABLE	N/A	N/A	VISUAL	QC 5184	

POSITRONIC INDUSTRIES CARIBE, INC.

AS9102 - First Article Inspection

Sheet 2 of 4

Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

4	A-8	NOTE 4	IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.	ACCEPTABLE	N/A	N/A	VISUAL	QC 5184
5	A-8	NOTE 5	KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.	N/A	N/A	N/A	N/A	QC 5184
6	A-8	NOTE 6	ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.	ACCEPTABLE	N/A	N/A	VISUAL	QC 5184
7	A-8	NOTE 7	ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.	ACCEPTABLE	N/A	N/A	VISUAL	QC 5184
8	A-8	NOTE 8	ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.	N/A	N/A	N/A	N/A	QC 5184

POSITRONIC INDUSTRIES CARIBE, INC.

AS9102 - First Article Inspection

Sheet 4 of 4

Form 3: Characteristic Accountability, Verification and Compatibility Evaluation

16	B - 4	MARKING	3312-L0001A20	3312-L0001A20	N/A	N/A	VISUAL	QC 5184
17	B - 4	MARKING	3312-L0003A20	3312-L0003A20	N/A	N/A	VISUAL	QC 5184
18	B - 3	MARKING	3312-P3	3312-P3	N/A	N/A	VISUAL	QC 5184
19	B - 4	WIRE LENGTH	31 + / - 1	31"	RULER	N/A	POS 1212	QC 5184

The signature indicates that all characteristics are accounted for; meet drawing requirements or are properly documented for disposition.

12. Prepared By

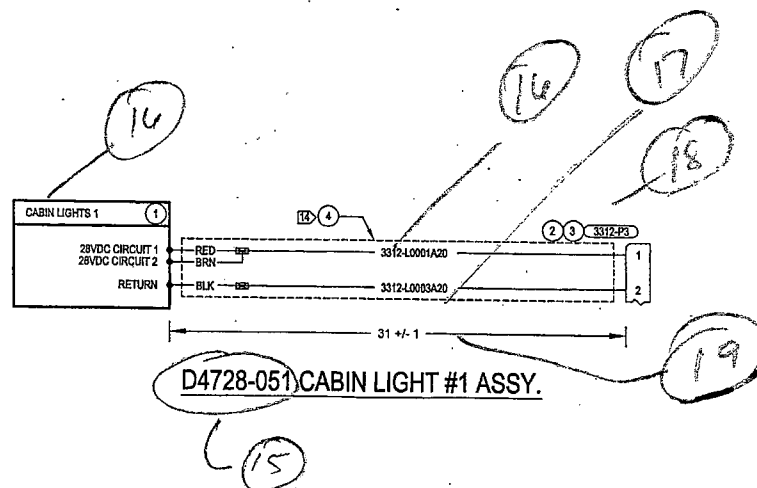


13. Date

7-7-14

44F 044 Revisión Original

LIST OF MATERIALS					
QTY PER	ITEM	PART NUMBER	DESCRIPTION	SUPPLIER	
	1	D4638-1	CABIN LIGHTS	DART	
	1	1-480305-0	CONNECTOR	TYCO ELECTRONICS	
	A/R (3)	60818-1	CONTACTS	TYCO ELECTRONICS	
	A/R (31)	XPF-1/4	EXPANDABLE SLEEVING	EDMO	



D4728-051 CABIN LIGHT #1 ASSY.

NOTES:

- ALL NEW UNSHIELDED WIRE USE M22759/41-XX-9 TYPE WIRE UNLESS OTHERWISE SPECIFIED (M22759/41-XX-X IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER USE CRIMP SPLICES FOR REPAIR).
- ALL NEW TWISTED SHIELDED CABLE USE M27500-XX-TGxT14 TYPE CABLE UNLESS OTHERWISE SPECIFIED.
- ALL WIRES 20 AWG UNLESS OTHERWISE SPECIFIED.
- IDENTIFY/CODE ALL WIRES AND CABLES IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- KEEP ALL JUMPERS, LOGIC STRAP, POWER, CHASSIS AND SIGNAL GROUND WIRES AS SHORT AS POSSIBLE.
- ALL SPLICES MUST CONFORM TO MIL-S-81824, OR EQUIVALENT AND BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH 39-A-AWDP-00-X WIRING DATA PUBLICATION.
- ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/sockets OR PLASTIC GROMMET SEALING PLUGS.
- A DOT (•) BEFORE A CONNECTOR CONTACT LETTER DENOTES LOWER CASE.
- UNITS: INCHES UNLESS OTHERWISE NOTED.
- IDENTIFY CONNECTORS WITH SHRINK SLEEVE LABELS.
- EQUIVALENT PARTS ARE ACCEPTABLE TO USE.

RELEASED
14 2014-07-22

DESIGN	DA	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DA		
CHECKED	JE	DRAWING NO.	REV. D
MFG. APPR.	JE	D4728	SHEET 9 OF 15
APPROVED	JE	TITLE	SCALE
DE APPR.	JE	UTILITY INTERIOR WIRING HARNESS	NTS
DATE	14.01.09	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

MAY 30 2014




1 st Article ☒ Production ☐ Prototype ☐

Acceptance:  Rejected:

Rev. NC

Inspector:

Rev. 

Date:

Job Number: 020847-9-

Rework Order: Yes ☐ ☒ NO RMR #

Identification Number for Instruments Used for QC Inspection

POS #	MEASUREMENT TAPE
1	1000
2	1000
3	1000
4	1000
5	1000
6	1000
7	1000
8	1000
9	1000
10	1000
11	1000
12	1000
13	1000
14	1000
15	1000
16	1000
17	1000
18	1000
19	1000
20	1000
21	1000
22	1000
23	1000
24	1000
25	1000
26	1000
27	1000
28	1000
29	1000
30	1000
31	1000
32	1000
33	1000
34	1000
35	1000
36	1000
37	1000
38	1000
39	1000
40	1000
41	1000
42	1000
43	1000
44	1000
45	1000
46	1000
47	1000
48	1000
49	1000
50	1000
51	1000
52	1000
53	1000
54	1000
55	1000
56	1000
57	1000
58	1000
59	1000
60	1000
61	1000
62	1000
63	1000
64	1000
65	1000
66	1000
67	1000
68	1000
69	1000
70	1000
71	1000
72	1000
73	1000
74	1000
75	1000
76	1000
77	1000
78	1000
79	1000
80	1000
81	1000
82	1000
83	1000
84	1000
85	1000
86	1000
87	1000
88	1000
89	1000
90	1000
91	1000
92	1000
93	1000
94	1000
95	1000
96	1000
97	1000
98	1000
99	1000
100	1000

POS #	RETENTION TOOL
-------	----------------

TESTING AREA:	POS #	CIRRI
---------------	-------	-------

POS #	CALIPER
-------	---------

POS # 1212 RULER

POS # 1024 OTHER

POS #	HP	POS#	TESTER
-------	----	------	--------

Note: Positronic Industries Caribe, Inc. 100% inspects cable assemblies in accordance with the customer requirements and in conjunction with the IPC/WHMA-A-620 standard and/or manufacturer specifications as required.

1 of 1